

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER SOCIETY OF AUTOMOTIVE ENGINEERS  
SURFACE VEHICLE STANDARD  
SAE-J1966  
LUBRICATING OIL, AIRCRAFT PISTON ENGINE  
(NON-DISPERSANT MINERAL OIL)

This list has been prepared for use by or for the Government in the acquisition of products covered by the subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable non-Government standard. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. **The listing of a product does not release the supplier from compliance with the non-Government standard requirements.**

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE NAVAL AIR SYSTEMS  
COMMAND, AIR 4.4.5, JEFFERSON DAVIS HIGHWAY, ARLINGTON VA 22243-5120.

MANUFACTURER'S DESIGNATION	QUALIFICATION REFERENCE NUMBER	MANUFACTURER'S NAME AND ADDRESS
AeroShell Oil 65	NOIH1-30 14 Feb 91	Shell International Petroleum Company Limited Shell Center London SE1 7NA United Kingdom
AeroShell Oil 80	NO1M1-40 14 Feb 91	
AeroShell Oil 100	NO1M1-50 14 Feb 91	Plant: Shell Oils Stanlow Lubricants Center
AeroShell Oil 100	NO1M2-50 14 Feb 94	Oil Sites <b>Road</b> Ellesmere Port, L65 4FS England

QPL-SAE-J1966-1

MANUFACTURER'S DESIGNATION	QUALIFICATION REFERENCE NUMBER	MANUFACTURER'S NAME AND ADDRESS
Mobil Aero Oil Red Band	N02L2-50 6 Dec 93	Mobil Oil Corporation 3225 Gallows Road Fairfax, VA 22037
Mobil Aero Oil Green Band	N02M2-60) 6 Dec 93	
Mobil Aero Oil Red Band	N02HI-50 31 May 94	<u>Plants:</u> Mobil Oil Corp. Beaumont, TX  Mobil Oil Australia Ltd. Yarraville, Australia
AeroShell Oil 65	N03M1-30 14 Feb 91	Shell Canada Products, Ltd 400- 4th Ave SW P.O. Box 100 Station M Calgary Alberta, T2P 2H5 Canada
AeroShell Oil 80	N03M1-40 14 Feb 91	
AeroShell Oil 100	N03L1-50 14 Feb 91	<u>Plant:</u> Shell Canada Products Ltd Brockville Lubricants Plant 250 Laurier Blvd. Brockville, Ontario K6V 5V7 Canada
AeroShell Oil 120	N03L1-60 14 Feb 91	
AeroShell Oil 65	N04L1-30 * 14 Feb 91	Shell Oil Company P.O. Box 2463 One Shell Plaza Houston, TX 77001
AeroShell Oil 80	N04L1-40 * 31 Jul 91	
AeroShell Oil 100	N04L1-50 * 31 Jul 91*	<u>Plants:</u> * Shell Oil Co., at: Willbridge, OR Wilmington, CA Metairie, LA Wood River, IL
AeroShell Oil 120	N04L1-60 * 14 Feb 91	
AeroShell Oil 65	N04L2-30 ** 15 Nov 94	** Shell Oil Co., at: Mets.irie, LA Wood River, IL Wilmington, CA
AeroShell Oil 80	N04L2-40 ** 15 Nov 94	
<b>AeroShell Oil 100</b>	N04L2-50 ** 15 Nov 94 .	
<b>AeroShell Oil 120</b>	N04L2-60 ** 15 Nov 94	

## QPL-SAE-J1966-1

MANUFACTURER'S DESIGNATION	QUALIFICATION REFERENCE NUMBER	MANUFACTURER'S NAME AND ADDRESS
LAD 60 BASE	N05M1-60 5 Mar 91	Imperial Oil Company, Inc. Orchard Place P.O. Box 279 Morganville, NJ 07751  <u>Plant:</u> Same as above
Type "M" Aviation Oil	N06L1-50 31 Jul 91	Phillips 66 Company 720 Adams Building Bartlesville, OK 74004
Type "M" Aviation Oil	N06L1-20W50 1 Nov 95	<u>Plant:</u> J.D. Street & Company St. Louis, MO
ARBRAx MP SAE 50	N07M1-50 1 Nov 91	Petrobras Distribuidora S.A. Gerencia Industrial Rua General Canabarro, 500/1513 Maracana-Ria de Janeiro - RJ 20271- Brazil
ARBRAx MP SAE 60	N07M1-60 1 Nov 91	<u>Plant:</u> Petrobras Distribuidora S.A. Av. Faber S. No. Duque De Caxias - RJ . Brazil
Exxon/Esso Aviation Oil 65	N08M1-30 20 Nov 91	Exxon Company, USA P.O. Box 2180 Houston, TX 77252-2180
Exxon/Esso Aviation Oil 80	N08H1-40 20 Nov 91	<u>Plants:</u> Bayonne, NJ
Exxon/Esso Aviation Oil 80	N08H2-40 20 Nov 91	Port Allen, TX
Exxon/Esso Aviation Oil 100	N08L1-50 20 Nov 91	Exxon Company International 222 Park Avenue Florham Park NJ 07932-1002
Exxon/Esso Aviation Oil 100	N08H1-50 20 Nov 91	<u>Plants:</u> Singapore
Exxon/Esso Aviation Oil 120	N08L1-60 20 Nov 91	ESSO Colombian, Ltd Cartagena, Columbia
Exxon/Esso Aviation Oil 120	N08M1-60 20 Nov 91	

## QPL-SAE-J1966-1

MANUFACTURER'S DESIGNATION	QUALIFICATION REFERENCE NUMBER	MANUFACTURER'S NAME AND ADDRESS
Aero 1065, SAE 30	N09M1-30 14 Jan 92	Delta Petroleum Company, Inc. 10352 River Road Saint Rose, LA 70087
Aero 1080, SAE 40	N09H1-40 14 Jan 92	<u>Plant:</u> Delta Petroleum Company
Aero 1080, SAE 40	N09H2-40 14 Jan 92	3000 Airline Metairie, LA 70001
Aero 1100, SAE 50	N09L1-50 14 Jan 92	
Aero 1100, SAE 50	N09H1-50 14 Jan 92	
Aero 1120, SAE 60	N09L1-60 14 Jan 92	
Aero 1120, SAE .60	N09M1-60 14 Jan 92	
Castrol Aero S65	N11H1-30* 22 Oct 95	Castrol Limited Burma Castrol House Pipers Way, Swindon Wiltshire, SN3 1RE United Kingdom
Castrol Aero S80	N11H1-40* 22 Oct 95	
Castrol Aero S100	N11H1-50* 22 Oct 95	<u>Plants:</u> * Castrol (UK) Ltd Stanlow Works Ellesmere Port United Kingdom
Castrol Aero S120	N11M1-60* 22 Oct 95	
Castrol Aero S65	N09M1-30** 27 Apr 95	** Delta Petroleum Company 3000 Airline Metairie, LA 70001
Castrol Aero S80	N09H1-40** 27 Apr 95	
Castrol Aero S80	N09H2-40** 27 Apr 95	
Castrol Aero S100	N09L1-50** 27 Apr 95	
Castrol Aero S100	N09H1-50** 27 Apr 95	
Castrol Aero S120	N09L1-60** 27 Apr 95	
Castrol Aero S120	N09M1-60** 27 Apr 95	

MANUFACTURER'S DESIGNATION	QUALIFICATION REFERENCE NUMBER	MANUFACTURER'S NAME AND ADDRESS
Chevron Aviation Engine Oil Uncompounded Grade 120 6 Apr 93	N09L1-60	<b>Chevron</b> USA Products CO. 575 Market <b>Street</b> San Francisco, CA 94105
Chevron Aviation Engine Oil Uncompounded Grade 120 6 Apr 93	N09M1-60	<u>Plant:</u> Delta Petroleum Company 3000 Airline Metairie, LA 70001
Aircraft Engine Oil 80	N13HI-40 5 Jan 94	Lubricating Specialties Co. Technolube Products Division 8015 Paramount Blvd. Pico Rivers, CA 90660
Aircraft Engine Oil 100	N13L1-50 5 Jan 94	<u>Plant:</u> Lubricating Specialties Co. Technolube Products Division 3365 East Slauson Ave Vernon, CA 90058
Aircraft Engine Oil 120	N13L1-60 5 Jan 94	
Aircraft Engine Oil 100	N13L1-50* 28 Nov 94	Texaco Lubricants Company North America P.O. Box 4427 Houston, TX 77210-4427
Aircraft Engine Oil 120	N13L1-60* 28 Nov 94	Plants: Lubricating Specialties Co. Technolube Products Division 3365 East Slauson Ave Vernon, CA 90058
<b>Aircraft</b> Engine Oil 100	N13HI-50** 30 Sept 95	
Aircraft Engine Oil 100	N09L1-50** 30 Sept 95	** Delta Petroleum Company 3000 Airline Metairie, LA 70001
Aircraft Engine Oil 120	N09L1-60** 30 Sept 95	
Aircraft Engine Oil 120	N09M1-60** 30 Sept 95	

QPL-SAE-J1966-1

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Note: The Military Grade designations are being phased-out in favor of the NATO Code Numbers, Commercial Grade designations are being replaced by the SAE Grade classifications. The SAE Grade of each approved product is included in its Qualification Reference Number (QRN) listed above (the number-which follows the dash corresponds directly to the SAE Grade. For example, the QRN "DO1M1-60" indicates the product is an SAE Grade 60 oil.)

SAE Grade	Military Grade	Military Symbol or Product Code	Commercial Grade	NATO Code Number
30	1065	1065	65	0-113
40	1080	NONE	80	NONE
50	1100	1100	100	0-117
60	1120	NONE	120	NONE
Multi-Grade	NONE	NONE	NONE	NONE